

**U.S. Department of Commerce
Patent & Trademark Office**

Q60082

JC506 U.S. PTO
09/614592
07/12/00

Applicant: Toshifumi SATO

Group:

[illegible][illegible]

DATE CONSIDERED: 9/27/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

Substitute for Form 1449 A & B/PTO

Complete if Known

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	09/614,592
Confirmation Number	Unknown
Filing Date	July 12, 2000
First Named Inventor	Toshifumi SATO
Art Unit	2744
Examiner Name	Unknown
Attorney Docket Number	Q60082

PATENT & TRADEMARK OFFICE

1

of

1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
CA		CA	2 211 619	C	06/05/1997	NTT Mobile Communications Network Inc.	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature

Chris M. L.

Date Considered

9/2/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	09/614,592
Confirmation Number	Not Assigned
Filing Date	July 12, 2000
First Named Inventor	Toshifumi SATO
Art Unit	2744
Examiner Name	Not Assigned
Attorney Docket Number	Q60082

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

RECEIVED

JUL 07 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
CF		EP	0 806 844	A1	11-12-1997	NTT Mobile Communications Network Inc.	Yes

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
CF		Thomas T A et al: "Novel Receiver Space-Time Processing For Interference Cancellation and Equalization in Narrowband TDMA Communication", Vehicular Technology Conference, 1997, IEEE 47 th Phoenix, AZ, USA 4-7 may 1997, New York, NY, USA, IEEE, US, May 4, 1997, pages 160-164, XP010228770.	Yes
CF		Thompson J S et al: "Smart-Antenna Arrays For CDMA Systems", IEEE Personal Communications, IEEE Communications Society, US, vol. 3, no. 5, October 1, 1996, pages 16-25, XP000635696.	Yes

Examiner Signature

Chris M. L.

Date Considered

9/17/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.